

# SYSTEM AND METHOD FOR STREAMING VIDEO OVER A NETWORK

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## Abstract

A system and method are disclosed for providing streaming video over a network by compressing video data in a cascaded fashion. Initially, the system compresses video data to a first intermediate data file using a first transform. Next, the system compresses the first intermediate data file to a second intermediate data file using a second transform. The second intermediate data file is then compressed to a streaming video data file using a third transform. The streaming video data is then transmitted over the network, such as the Internet, as streaming video data. In one embodiment, the first intermediate data file is an MPEG-2 data file and the second intermediate data file is an unconstrained MPEG-1 data file. The first and second transforms may be carried out in transparent mode.